## ABSTRACT

The present invention provides antigen vaccines and methods of use thereof for the treatment of Pythium insidiosum infections, as well as prophylaxis infections, in humans and against these Further, the present invention provides a method for preparing the preferred vaccine for the treatment which contains the intracellular and extracellular antigens of Pythium insidiosum. The present invention further provides model a mammal for evaluating Pythium insidiosum vaccines and a method for monitoring the Th1 and Th2 response of a mammal in response to Pythium insidiosum vaccines.

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